NOV 1 8 2005

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant Applic

Docket No:

TI-26239.1

Serial No:

10/612,129

Examiner:

Cao, Phat X.

Filed:

7/2/2003

Art Unit:

2814

For:

DIRECT ATTACHMENT OF SEMICONDUCTOR CHIP TO ORGANIC SUBSTRATE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

Assistant Commissioner for Patents

Washington, DC 20231

Dear Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(a)

I hereby certify that the above correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

1+14-05

Shartet Hurst

Applicants wish to bring to the attention

of the Patent and Trademark Office the information noted on the enclosed PTO-1449. A copy of the noted references is enclosed herewith.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668, and please credit any excess fees to such Deposit Account. Any further necessary extension of time is hereby requested.

Respectfully submitted,

W. Dame Swayze, Jr.

Attorney for Applicants

Reg. No. 34,478

Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265 (972) 917-5633

PTO/SB/08A (08-00)

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Tes as Complete If Known Substitute for Form 1449A/PTO **Application Number** 10/612,129 NOV 1 8 2005 Filing Date 7/2/2003 INFORMATION DISCLOSURE First Named Inventor Yew TATEMENT BY APPLICANT Group Art Unit 2814 **Examiner Name** Cao, Phat X. (use as many sheets as necessary) Attorney Docket No. TI-26239.1

	U.S. PATENT DOCUMENTS								
		U.S. Patent Document		Name of Patentee	Date of Pub.				
Exam. Initials*	Cite No. ¹	Number	Kind Code ² (if known)	or Applicant of Cited Doc.	of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	AA	5,739,585		Akram, et al.	04-14-1998				
	AB	5,753,974		Masukawa	05-19-1998				
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	Al	-							
	AJ								

					FOREIGN PATE	NT DOCUMENTS		
		Foreign Patent Document			Name of Patentee	Date of Pub.		
Exam. Initials*	Cite No.1	Office ³	Number ⁴	Kind Code ² (if known)	or Applicant of Cited Doc.	of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т•
	BA	EP	0 810 655 A2		Goh	12-03-1997		
	ВВ	DE	19712551A1		Kim	11-20-1997		
	ВС							
	BD							
	BE							
	BF							
	BG							
	ВН							
	BI							
,	BJ		T					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Petent and Trademerk Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Petents, Washington, DC 20231

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.						
OIPE	- 44404/570		Complete If Known			
Substitute for	Substitute for Form 1449A/PTO		Application Number	10/612,129		
SNEORMATIO	N DISCLOSURE		Filing Date	7/2/2003		
			First Named Inventor	Yew		
STATEMENT BY APPLICANT			Group Art Unit	2814		
(use as many st	eets as necessary)		Examiner Name	Cao, Phat X.		
Sheet 2	of	2	Attorney Docket No.	TI-26239.1		
TARDEN				<u> </u>		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	MATIENZO L J, et al. "Adhesion Issues in Electronic Packaging". Solid State Technology, Cowan Publ. Corp. Port Washington, NY US vol. 38, no. 7 July 1, 1995 pages 99-100, 102. XP000523397 ISSN: 0038-111X			
	СВ	AMAGAI M, et al. "The Effect of Polyimide Surface Morphology and Chemistry on Package Cracking Induced by Interfacial Delamination". Reliability Physics Symposium, 1994, New York, NY USA, IEEE, April 11, 1994, pages 101-107. XP010117230 ISBN: 0-7803-1357-7			
	СС	IWABUCHI KAORU. "Semiconductor Device". Patent Abstracts of Japan. Vol. 1997, no. 06, June 30, 1997 & JP 09 036167 A (SONY CORP), February 7, 1997			
	CD	KIN ZAISHUN. "Semiconductor Package of Chip Scale and its Manufacture". Patent Abstracts of Japan. Vol. 1998, no. 09, July 31, 1998 & JP 10 098130 A, (SAMSUNG ELECTRON CO LTD), April 14, 1998.			
	CE				
	CF				
	CG				
	СН				
	ĊI				
	CJ				

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

¹Unique citation designation number. ²Applicant is to place a check mark here if English Translation is attached.